

Amendments to the Specification:

Please amend the paragraph at page 1, lines 11-22 as follows:

Recently, the increase in concern over the beautification and health is confirmed. For the purpose of ~~beatification~~ beautification, the demand for whitening is increased. Conventionally, a camera system for skin check is used for diagnosis in the dermatology, esthetic salon, beauty counseling, and the like. In the dermatology among them, the peculiarity of the skin surface is checked as the diagnosis thereof based on an image of the crista cutis or sulcus cutis and then the counseling is performed. Japanese Unexamined Patent Application Publication No. 8-149352 and Japanese Unexamined Patent Application Publication No. 7-322103 disclose cameras for skin check.

Please amend the paragraph at page 3, lines 8-17 as follows:

In the conventional dentistry, the tooth color is selected by the comparison using the shading guide indicating the color shading as mentioned above. This

determination is subjective and is influenced by the deterioration and change in room light, thereby causing an error. Although the recording operation uses a photograph, the camera setting needs to be checked and the matching of image size is difficult. Further, it is not accurate because the film sensitivity and the developing sensitivity are not constant.

Please delete the paragraph at page 3, lines 18-20.

Please delete the paragraph at page 3, lines 21-24.

Please delete the paragraph at page 3, line 25 to page 4, line 4.

Please delete the paragraph at page 4, lines 5-12.

Please delete the paragraph at page 4, lines 13-15.

Please delete the paragraph at page 4, lines 16-20.

Please delete the paragraph at page 4, lines 21-23.

Please delete the paragraph at page 4, line 24 to page 5, line 5.

And please amend the Disclosure of the Invention section at page 5, line 6 to page 8, line 19, as follows:

SUMMARY DISCLOSURE OF THE INVENTION

According to a first one aspect of the invention, an image processing system comprises: an image capturing unit, and an image processing unit. The image capturing unit comprises: an image pick-up optical system which picks-up an image of a subject; an image pick-up device unit which obtains a subject signal from the subject; a plurality of illuminating light sources with different characteristics of spectroscopic distributions; and a photographing operating unit which performs an image photographing operation, the image capturing unit interlocks interlocking the plurality of illuminating light sources with an exposure timing of the image pick-up device unit, selectively lights-on lighting-on the plurality of illuminating light sources, and thus obtains obtaining a plurality of subject spectroscopic images. The image processing unit comprises [:] an image memory unit which stores the subject spectroscopic images photographed by the image pick-up unit; and the image processing unit calculates a desired image based on the image signal stored in the image memory unit. Further, the

image processing unit includes an image identification calculating unit (also referred to as an image determining and calculating unit herein) which calculates grade data to be used to determine a grade of a color of the subject based on the subject spectroscopic images stored in the image memory unit.

According to a second invention, in the first invention, the image processing unit further calculates, classifies, or analyzes a predetermined class of the subject based on the image signal stored in the image memory unit.

According to a third invention, in the first invention, the image capturing unit further comprises an illuminating detecting sensor which senses characteristics of spectroscopic distributions of ambient light, an external strobe light-emitting device is attachable to the image capturing unit, a sensing unit of the illuminating detecting sensor is optically connected to a light guide path of strobe light upon the external strobe light-emitting device is attached to the image capturing unit.

According to a fourth invention, in the first invention, the image capturing unit further comprises reflected light rejecting means which prevents the illuminating light source from being photographed directly into the subject.

According to a fifth invention, in the first invention, the image capturing unit further comprises an optical member which reduces the illuminating unhomogeneity between the illuminating light source and the subject.

According to a sixth invention, in the first invention, the image capturing unit further comprises a connecting contact portion for interlocking with an external illuminating device, and the external illuminating device connected via the connecting contact portion is lit on in the light on sequence similar to that of the illuminating light sources.

According to a seventh invention, in the first invention, the plurality of illuminating light sources comprise at least one of a light source with the center wavelength of 700 to 900 nm or a light source with the center wavelength of 300 to 300 nm.

According to an eighth invention, in the first invention, the image capturing unit and the image processing unit are integrally formed.

According to a ninth invention, in the first invention, the image capturing unit includes a color chip for calibration in the image processing unit.

According to a tenth invention, in the first invention, the image capturing unit uses a portable terminal device

having a photographing function, and an illuminating light source unit having a plurality of illuminating light sources as one unit having different characteristics of spectroscopic distributions is attachable to the portable terminal device having the photographing function.

According to an eleventh invention, in the first invention, the image processing unit comprises image filing software, and image data photographed upon operating the photographing operating unit is recorded to a predetermined portion of the image filing software.

According to a twelfth invention, in the first invention, the image capturing unit further comprises subject portion sensing means which obtains positional information of the subject.

According to a thirteenth invention, in the first invention, the image capturing unit further comprises a temperature measuring unit.

According to a fourteenth invention, in the first invention, the image capturing unit further comprises a pulse rate measuring unit.

According to a fifteenth invention, in the first invention, the image capturing unit further comprises an auscultation function.

~~According to a sixteenth invention, in the first invention, the image capturing unit further comprises distance measuring means which manages the size of the subject in the photographed image.~~